

Title (en)

Hydraulic actuator

Title (de)

Hydraulischer Stellantrieb

Title (fr)

Dispositif de manoeuvre hydraulique

Publication

**EP 0767310 B1 20050420 (DE)**

Application

**EP 96115789 A 19961002**

Priority

DE 19537417 A 19951007

Abstract (en)

[origin: EP0767310A2] The device has a hydraulic actuator (2) with control piston (12). The piston has a piston section (16) which together with the valve slide (20) forms the servo valve (4) including valve return control. The piston section has a valve outlet (32,34), opening into the working chamber (8,10) in the area of the control piston. Hydraulic pressure source (P) and return (R) may be connected to the working chamber, via separate hydraulic lines (40,42), one of which contains the servo valve. The other line may contain a control valve (44). This is switched dependent upon the pressure level in the working chamber, and opposite to the servo valve.

IPC 1-7

**F15B 9/10**; B64C 27/54

IPC 8 full level

**B64C 27/54** (2006.01); **F15B 9/10** (2006.01)

CPC (source: EP)

**F15B 9/10** (2013.01)

Cited by

EP0894982A3; CN114215804A

Designated contracting state (EPC)

DE FR IT NL

DOCDB simple family (publication)

**EP 0767310 A2 19970409**; **EP 0767310 A3 19990901**; **EP 0767310 B1 20050420**; DE 19537417 A1 19970410; DE 19537417 C2 19970724; DE 59611218 D1 20050525

DOCDB simple family (application)

**EP 96115789 A 19961002**; DE 19537417 A 19951007; DE 59611218 T 19961002